MSFFL2034 Prepare subfloors with cementitious coating applications

Release: 1

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Modification History

Release 1. Supersedes and is not equivalent to MSFFL2006 Prepare, select and apply smoothing and patching compounds, and, MSFFL2007 Select and apply appropriate compounds and additives.

Application

This unit describes the skills and knowledge required to select, prepare, and apply primers, admix and cementitious products to concrete and timber subfloors using skim, smoothing, levelling and bulk filling coating techniques in readiness for the installation of floor coverings and coatings. It may apply to internal and external applications.

This unit applies to flooring technicians working in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential *outcomes.*	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify work requirements	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read work documentation and identify job requirements 1.3 Inspect subfloors against requirements of Australian Standards to ensure that they are dry, smooth, plane, and sound and confirm extent of required preparation and work

Elements	Performance Criteria
Elements describe the essential *outcomes.*	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	1.4 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use
2. Inspect subfloors to determine irregularities	2.1 Inspect and confirm construction type, structure and sub-structure 2.2 Run and check datum lines and confirm accurate dimensions 2.3 Inspect and identify nature and extent of surface irregularities 2.4 Check subfloors and walls for contamination, moisture content, plane, smooth and suitable preparation 2.5 Clean surface using suitable floor preparation equipment and or cleaning agents in accordance with manufacturer recommendation
3. Select primers, additives and cementitious compounds	3.1 Determine suitability of the primers and compounds for compatibility and levelling requirements through trial applications 3.2 Select suitable primers, additives and cementitious compounds based on their functions in accordance with the needs of the job 3.3 Select method of application based on job requirements 3.4 Apply selected primers to the subfloor in accordance with manufacturer instructions
4. Prepare additives and cementitious compounds	4.1 Establish mixing station and mix selected cementitious compounds and additives in accordance with safety management requirements and manufacturer instructions 4.2 Plan a sequence of work that ensures the application of cementitious compounds and additives in logical order
5. Apply cementitious compounds and additives	5.1 Establish working lines and select starting point 5.2 Apply prepared compounds and additives to the surface in accordance with manufacturer instructions 5.3 Inspect completed applications and identify and address deficiencies
6. Complete housekeeping	6.1 Store and recycle unused materials in accordance with workplace procedures 6.2 Check, clean and store tools and equipment in accordance with workplace procedures 6.3 Clean work area and dispose of rubbish safely 6.4 Accurately complete required workplace documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73